

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 (Currently Amended): A stacked battery, comprising:

an electrode stacked body [[is]] formed by stacking a sheet electrode and an electrolyte layer, the electrode including a collector, and the electrolyte layer being placed between the electrodes, wherein the collector has an approximately rectangular shape in a plane perpendicular to a stacking direction; and

a laminated sheet a packaging material housing the electrode stacked body, the laminated sheet packaging material having an opening [[in a]] which faces the stacking direction of the electrode stacked body,

wherein the electrodes are placed on outermost layers of the electrode stacked body in such a manner so that the collectors are exposed through the opening to an outside of the stacked battery in the stacking direction of the electrode stacked body and function as terminals.

2 (Original): A stacked battery according to claim 1,

wherein the electrode is a bipolar electrode, in which a positive electrode active material layer is formed on one surface of the collector and a negative electrode active material layer is formed on another surface of the collector, and

the stacked battery is a bipolar lithium-ion secondary battery in which a plurality of the bipolar electrodes are stacked in series sandwiching the electrolyte layer therebetween.

3 (Original): A stacked battery according to claim 2,
wherein the positive electrode active material includes a composite oxide of lithium and transition metal, and the negative electrode active material includes any one of a carbon and the composite oxide of lithium and transition metal.

4 (Original): A stacked battery according to claim 1,

wherein the electrolyte layer includes a solid polymer.

5 (Previously Presented): An assembled battery, comprising:

a stacked battery according to claim 1,

wherein the stacked battery is connected in series.

6 (Previously Presented): An assembled battery, comprising:

a stacked battery according to claim 1,

wherein a plurality of the stacked batteries are connected in parallel so that the stacked batteries are placed between two collecting plates, and a terminal functioning as the positive electrode of the stacked battery is connected to one of the collecting plates and a terminal functioning as the negative electrode of the same is connected to the other collecting plate.

7 (Previously Presented): A vehicle, comprising:

a stacked battery according to claim 1.

8 (Previously Presented): A stacked battery according to claim 1,

wherein an edge of the opening in the laminated sheet is attached to the collector with a sealing resin.

9 (New): A stacked battery according to claim 1,
wherein a center of a surface of the collector, which is a surface perpendicular to the stacking direction of the electrode stacked body, is exposed through the opening to the outside of the stacked battery.

10 (New): A stacked battery according to claim 1,
wherein the packaging material is composed of two laminate sheets in which the opening is formed in a center thereof.

11 (New): A stacked battery according to claim 1,
wherein the opening is an approximately rectangular-shaped opening.

12 (New): A stacked battery, comprising:
an electrode stacked body formed by stacking a sheet electrode and an electrolyte layer, the electrode including a collector, and the electrolyte layer being placed between the electrodes, wherein the collector has an approximately rectangular shape in a plane perpendicular to a stacking direction; and

a packaging material housing the electrode stacked body, the packaging material having an approximately rectangular opening which faces the stacking direction of the electrode stacked body,

wherein the electrodes are placed on outermost layers of the electrode stacked body in such a manner so that the collectors are exposed through the opening to an outside of the stacked battery in the stacking direction of the electrode stacked body and function as terminals, and

edges of the approximately rectangular opening are attached to an outer periphery of the approximately rectangular-shaped collector by use of a sealing resin around the edges of the approximately rectangular opening.

13 (New): A stacked battery, comprising:

an electrode stacked body formed by stacking a sheet electrode and an electrolyte layer, the electrode including a collector, and the electrolyte layer being placed between the electrodes, wherein the collector has an approximately rectangular shape in a plane perpendicular to a stacking direction, wherein the electrode stacked body is disposed within a housing sealing internal portions of the electrode stacked body; and

a packaging material surrounding the electrode stacked body, the packaging material having an approximately rectangular opening which faces the stacking direction of the electrode stacked body,

wherein the electrodes are placed on outermost layers of the electrode stacked body in such a manner so that outermost collectors are exposed through the opening to an outside of the stacked battery in the stacking direction of the electrode stacked body and function as terminals, and